

PILOT PROGRAM
Atty. Docket No. 015675.P618

IN THE CLAIMS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Computing device with user interface comprising means for implementing a series of applications, these means including in particular a physical processing means, said physical processing means including:

- a first virtual machine/functioning profile execution space (100, P1, 200, P2), the device comprising a second virtual machine/functioning profile execution space (100, P1, 200, P2) differing from the first by at least its virtual machine (100, 200) or its functioning profile (P1, P2), each execution space hosting applications (110, 120, 130, 140, 220, 230), the applications of the second execution space (100, P1, 200, P2) being applications with a specifically higher level of security than the applications of the first execution space (100, P1, 200, P2) since the applications (110, 120, 130, 210, 220, 230) of the first execution space (100, P1, 200, P2) are applications which can be modified by the user, whilst the applications (110, 120, 130, 210, 220, 230) of the second execution space (100, P1, 200, P2) are applications which cannot be modified by the user, characterized in that the two execution spaces are hosted by one same physical processing means (400) which is arranged so that it cannot be separated into two parts without destroying this physical processing means (400);

- a second virtual machine;

wherein an execution space is defined in each virtual machine;

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wherein the execution spaces of the first and second virtual machines host applications;
wherein the applications hosted in the execution space of the second virtual machine have
a higher level of security than that of the applications hosted in the execution space of the first
virtual machine;

wherein the applications of the execution space of the first virtual machines are user-
modifiable applications;

wherein the applications of the execution space of the second virtual machines are user-
unmodifiable applications;

wherein the two virtual machines are separable only by destruction of the physical
processing means; and

wherein the first and second virtual machines are distinct and each of the first and second
virtual machines is associated with a single corresponding execution profile.

2. (Currently Amended) Device as in claim 1, characterized in that the applications
(110, 120, 130, 210, 220, 230) of the second execution space (100, P1, 200, P2) are applications
which can be modified wherein the applications hosted in the execution space of the second
virtual machines are application modifiable by a security operator belonging to the group
consisting of telephony chosen among: telephone operators, banks, providers of multimedia
items with selective or paying distribution, service providers operating against in exchange of
electronic signature via said device.

3. (Currently Amended) Device as in claim 1, characterized in that it forms wherein said
device is a telephone terminal.

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4. (Currently Amended) Device as in claim 3, characterized in that it formswherein said device is a mobile telephonytelephone terminal.

5. (Currently Amended) Device as in claim 1, characterized in that it comprises communicationfurther comprising means (130, 230, 300)for communicating between the twofirst and second execution spaces (100, P1, 200, P2).

6. (Currently Amended) Device as in claim 5, characterized in that the communication means (130, 230, 300) between the two execution spaces are designed to authorize an application (130, 230) of one of the two execution spaces to have recourse to processing means of the second execution space (100, P1, 200, P2). wherein one execution space comprises processing means, and wherein the means for communicating between the first and second execution spaces are configured such that the processing means is usable by an application hosted in the other execution space.

7. (Currently Amended) Device as in claim 1, characterized in thatwherein each of the twofirst and second execution spaces includescomprises at least one separate API (120, 130, 220, 230).

8. (Currently Amended) Device as in claim 5, characterized in that the communication means include an API "stub" (130, 230) whose role is to have recourse to resources of the opposite execution space (100, P1, 200, P2), these resources implementing a selection regarding

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aecess to them in relation to the caller application (110, 210). wherein one execution space comprises resources accessible by selected applications, and wherein the means for communicating between the first and second execution spaces comprises an API stub enabling use of resources of the execution space by the other execution space.

9. (Currently Amended) Device as in claim 5, characterized in thatwherein the communication means for communicating between the twofirst and second execution spaces (100, P1, 200, P2) includecomprises means for implementing serialization/deserialization or marshalling/unmarshalling.

10. (Currently Amended) Device as in claim 1, characterized in thatwherein one of the twoexecution spaces (100, P1, 200, P2) includesspace comprises a profile of STIP-type-profile.

11. (Currently Amended) Device as in claim 1, characterized in thatwherein one of the twoexecution spaces (100, P1, 200, P2) includesspace comprises a MIDP-type profile.

12. (Currently Amended) Device as in claim 1, characterized in that the profiles (P1,P2) of each of the twowherein one execution spaces (100, P1, 200, P2) are respectivelyspace comprises a STIP-type profile and the other execution space comprises a profile forming part of the group consisting of, the type of which is chosen amidst: STIP, MIDP, OSGI and ".net" profiles..